



21861 U.S. PTO

UTILITY APPLICATION

Attorney Docket No.: ABIOS.048A
First Named Inventor: Francisco De La Vega
Title: IDENTIFICATION OF HAPLOTYPE DIVERSITY
Express Mail Label No.: EV 309 084 350 US

Direct all correspondence to Customer No.: 20995

Date: March 17, 2004

Page 1 of 2

22386 U.S. PTO
10/804586



Mail Stop Patent Application

United States Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Francisco De La Vega
2. Hadar I. Avi-Itzhak

APPLICATION ELEMENTS:

- (X) Specification in thirty-three (33) pages.
- (X) Drawings in thirteen (13) sheets.

Reference to prior domestic applications is made in the:

- (X) Reference to prior domestic applications is made in the specification.
- () Reference to prior domestic applications is made in the enclosed Preliminary Amendment.
- () Reference to prior domestic applications is made in the enclosed Application Data Sheet (ADS).

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	non-provisional	60/482,249	06/24/03	pending

- (X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

- (X) Return prepaid postcard.

UTILITY APPLICATIONAttorney Docket No.: **ABIOS.048A**First Named Inventor: **Francisco De La Vega**Title: **IDENTIFICATION OF HAPLOTYPE DIVERSITY**Express Mail Label No.: **EV 309 084 350 US****Direct all correspondence to Customer No.: 20995**

Date: March 17, 2004

Page 2 of 2

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		1001 (\$770)		\$770
Non-English Spec.		1053 (\$130)		\$0
Recordation Fee		8021 (\$40)	0 x 40 =	\$0
Excess Claims > 20	33 - 20 =	1202 (\$18)	13 x 18 =	\$234
Independent > 3	4 - 3 = 1	1201 (\$86)	1 x 86 =	\$86
Multiple Claim		1203 (\$290)		\$0
			TOTAL FEE DUE	\$1090

(X) The total fees calculated above will be paid at a later date.

Kirk E. Pastorian

Registration No. 48,756

Agent of Record

Customer No. 20,995

(909) 781-9231

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : ABIOS.048A

Applicants : Francisco De La Vega and Hadar I. Avi-Itzhak

For : IDENTIFICATION OF HAPLOTYPE
DIVERSITY

Agent : Kirk E. Pastorian

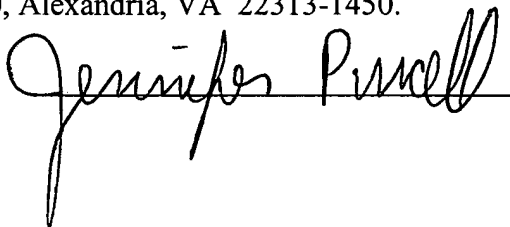
"Express Mail"
Mailing Label No. : EV 309 084 350 US

Date of Deposit : March 19, 2004

I hereby certify that the accompanying

Transmittal letter; Specification in 33 pages; 13 sheets of drawings; Return
Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



R:\DOCS\KEP\KEP-2339.DOC:lw
031704